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avail. Finally one day he discovered that his nose would protrude from the water when "standing" on the bottom and stretching to his fullest extent. A few weeks later and he was able to elevate himself above the level of his eyes. Now he proudly "stands" by his larger associate at feeding time with his entire head raised out of the water and of course receives larger helpings of fish although not served as often as before. Truly he has grown, and, to his great satisfaction, *up*.

Garden Club Honors Miss Eastwood

The San Francisco Garden Club held a luncheon at the Fairmont Hotel on January 18, honoring Miss Alice Eastwood, the Academy's Curator of Botany, on the occasion of her eighty-fifth birthday. Following the luncheon, Miss Eastwood gave an animated and informative account of her trip to the Yukon in 1914.

Aquarium Society to Meet February 3

The Regular monthly meeting of the San Francisco Aquarium Society will be held in the Steinhart Aquarium on Thursday evening, February 3, at 8:00 o'clock. All interested persons are invited to attend.

Student Section to Have Program on Camouflage

Student members of the Academy will meet at 2:00 o'clock on Saturday afternoon, February 5, in Room 214, Simson African Hall. The program will be devoted to "Camouflage in Nature" and will be illustrated with motion pictures, still photographs, and mounted specimens of birds and animals.

Section 562 P.L.&R.
DR. F.M. MACFARLAND
775 SANTA YNEZ STREET
STANFORD UNIVERSITY
CALIFORNIA

INDUSTRY-AGRICULTURE
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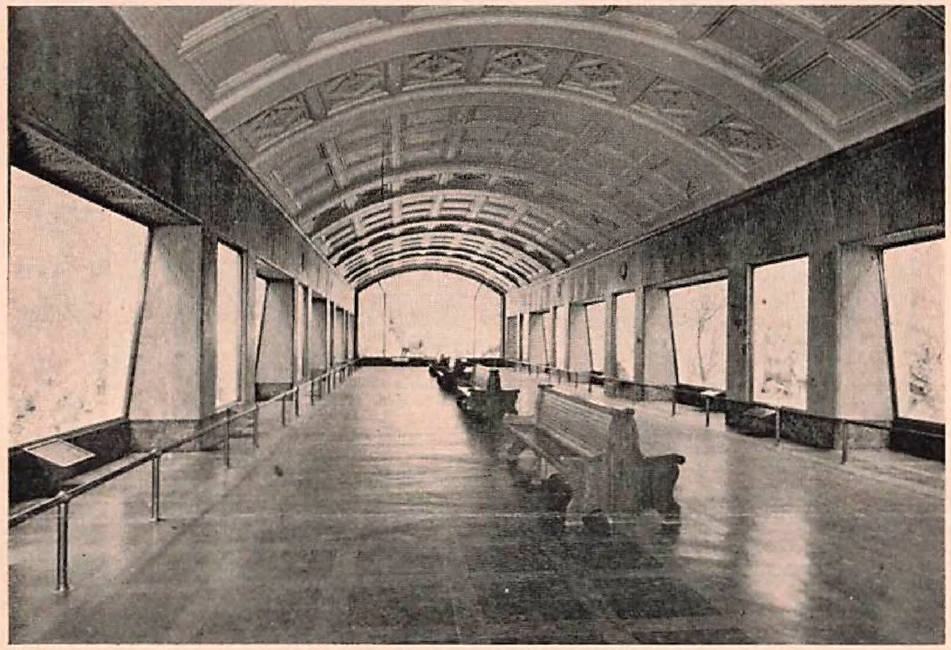

INTERIOR OF SIMSON AFRICAN HALL

(See page 3)

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February Announcement

THE ANNUAL MEETING of the California Academy of Sciences will be held in the Simson African Hall, East Wing of the Academy Buildings in Golden Gate Park, Wednesday evening, February 16, 1944, at eight o'clock, at which meeting the election of officers for the ensuing year will be announced, and the annual reports of the Academy will be presented.

All members and friends are cordially invited to attend the Annual Meeting. During the afternoon of February 16, 1944, between 2:00 and 4:30 o'clock the various research departments of the Academy will be open to those who desire to visit them.

APPLICATIONS FOR MEMBERSHIP

NOTICE is hereby given to all Corporate Members that the Council at its meeting on January 20, 1944, approved the applications of Mr. Julean Arnold, Mr. N. K. Barrett, Jr., Mrs. Jesse L. Carr, Mr. Juel L. Christensen, Mr. Julius Girod, Dr. Wendell O. Gregg, Mrs. Joseph Grinnell, Miss Clara Huntington, Mrs. Gerald D. Kennedy, Mr. Norman J. Silberling, Jr., Mr. Nion R. Tucker, and Professor Ira L. Wiggins for MEMBERSHIP, and of Mr. Ted Dethlefsen, Mr. Don L. Hammack, Mr. Edmond L. Tom, and Mr. John Thomas Walker, for STUDENT MEMBERSHIP, in the California Academy of Sciences. If no objection to the election of these applicants be received at the office of the Academy within two weeks after February 4, they will be considered elected.

J. M. RAINEY CALLED BY DEATH

SERGEANT John M. Rainey, a member of the staff of the Steinhart Aquarium, on leave while serving in the United States Army, died of illness the last week in December, 1943. Sergeant Rainey, a graduate of the University of California, had been employed at the Academy since 1936. Particularly skillful in collecting and transporting live fishes and other marine organisms, he contributed to many fine exhibits in the Aquarium. His genial personality won friends everywhere, and he will be missed alike by his scientific associates and by humble fishermen who welcomed his periodic visits and willingly assisted him in obtaining unusual specimens. He was thirty-four years old at the time of his death.

AFRICAN HALL CREATES WIDE INTEREST

DURING the period from July 1 to December 31, 1943, the Simson African Hall was visited by 120,359 persons. This averages 654 persons per day. Since the hall is open seven hours a day, this means an average of 93 persons an hour or, our statistician further informs us, one visitor every thirty-nine seconds! Happily they do not flit by that fast, but come leisurely and linger before the colorful and instructive dioramas, comfortably unaware that they are in such a statistical hurry.

This hall is now open every day of the week through provision by the City and County of San Francisco of funds for light, heat, and building service. Prior to July 1 it was open only twice a week. Since the hall has been open every day the attendance has increased by more than 11,000 persons a month.

YOUNG SEAL GROWS UP

SEVERAL months ago, on April 22, 1943, to be exact, the Steinhart Aquarium received a young Harbor Seal which was estimated to be no more than six weeks of age. For mutual companionship he was placed in the east pool with a yearling Harbor Seal who was of course older and wiser in the ways of the world. After a little persuasion, according to Mr. Lanier, the Superintendent of the Aquarium, the young seal pup was taught to come out of the water and onto a platform at feeding time, which occurred four times daily. He soon appeared cognizant of the fact, however, that his companion, although only fed twice a day, received considerably larger portions. The latter received his food not on the platform but out in the pool where by bracing his hind flippers on the concrete bottom he was able to assume a vertical posture with his head well out of the water and thereby catch all fish thrown to him.

To the young pup this seemed like a good idea, but alas, when his posterior extremities were braced on the bottom of the pool his head was under water! It was discouraging but there was nothing he could do about it at the time. During the succeeding months he occasionally tried this stunt but to no